

Appl. No.: 09/482,032
Amldt. dated 10/27/2004
Reply to Official Action of July 27, 2004

Amendments to the Claims:

Claims 1 – 32 (Canceled).

33. (Previously Presented) A method for managing information using an intermediary gateway device having a corresponding network address, the method comprising the steps of:

receiving a request to communicate with a network accessible datastore having a particular network address;

modifying the particular network address of the datastore to incorporate the address of the intermediary gateway device; and

providing access to the network accessible datastore through the intermediary gateway device using the modified address of the network accessible datastore, wherein the intermediary gateway device controls the access to the network accessible datastore.

34. (Previously Presented) The method of claim 33, wherein the modifying step further includes the substep of:

modifying the particular network address of the datastore to include the address of the intermediary gateway device.

35. (Previously Presented) A computer for managing information using an intermediary gateway device having a corresponding network address, the computer comprising:

a memory having program instructions; and

a processor, responsive to the program instructions, configured to:

receive a request to communicate with a network accessible datastore having a particular network address;

modify the particular network address of the datastore to incorporate the address of the intermediary gateway device; and

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provide access to the network accessible datastore through the intermediary gateway device using the modified address of the network accessible datastore, wherein the intermediary gateway device controls the access to the network accessible datastore.

36. (Previously Presented) The computer of claim 35, wherein the processor is further configured to:

modify the particular network address of the datastore to include the address of the intermediary gateway device.

37. (Previously Presented) A computer-readable medium containing instructions for controlling a data processing system to perform a method for managing information using an intermediary gateway device having a corresponding network address, the method comprising the steps of:

receiving a request to communicate with a network accessible datastore having a particular network address;

modifying the particular network address of the datastore to incorporate the address of the intermediary gateway device; and

providing access to the network accessible datastore through the intermediary gateway device using the modified address of the network accessible datastore, wherein the intermediary gateway device controls the access to the network accessible datastore.

38. (Previously Presented) The computer-readable medium of claim 37, wherein the modifying step further includes the substep of:

modifying the particular network address of the datastore to include the address of the intermediary gateway device.

39. (Previously Presented) An apparatus for managing information using an intermediary gateway device having a corresponding network address, the apparatus comprising:

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means for receiving a request to communicate with a network accessible datastore having a particular network address;

means for modifying the particular network address of the datastore to incorporate the address of the intermediary gateway device; and

means for providing access to the network accessible datastore through the intermediary gateway device using the modified address of the network accessible datastore, wherein the intermediary gateway device controls the access to the network accessible datastore.

40. (Previously Presented) The apparatus of claim 39, wherein the modifying means further includes:

means for modifying the particular network address of the datastore to include the address of the intermediary gateway device.

41. (Previously Presented) A computer-implemented method for managing information, the method comprising the steps of:

providing an intermediary gateway device for communicating with network accessible datastores;

receiving a request at the intermediary gateway device to communicate with a particular network accessible datastore having a corresponding network address; and

providing access to the particular network accessible datastore through the intermediary gateway device using a network address that incorporates the address corresponding to the particular network accessible datastore and an address of the intermediary gateway device, wherein the intermediary gateway device controls the access to the particular network accessible datastore.

42. (Previously Presented) A computer for managing information, the computer comprising:

a memory having program instructions; and

a processor, responsive to the program instructions, configured to:

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provide an intermediary gateway device for communicating with network accessible datastores;

receive a request at the intermediary gateway device to communicate with a particular network accessible datastore having a corresponding network address; and

provide access to the particular network accessible datastore through the intermediary gateway device using a network address that incorporates the address corresponding to the particular network accessible datastore and an address of the intermediary gateway device, wherein the intermediary gateway device controls the access to the particular network accessible datastore.

43. (Previously Presented) A computer-readable medium containing instructions for controlling a data processing system to perform a method for managing information, the method comprising the steps of:

providing an intermediary gateway device for communicating with network accessible datastores;

receiving a request at the intermediary gateway device to communicate with a particular network accessible datastore having a corresponding network address; and

providing access to the particular network accessible datastore through the intermediary gateway device using a network address that incorporates the address corresponding to the particular network accessible datastore and an address of the intermediary gateway device, wherein the intermediary gateway device controls the access to the particular network accessible datastore.

44. (Previously Presented) An apparatus for managing information, the apparatus comprising:

means for providing an intermediary gateway device for communicating with network accessible datastores;

means for receiving a request at the intermediary gateway device to communicate with a particular network accessible datastore having a corresponding network address; and

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means for providing access to the particular network accessible datastore through the intermediary gateway device using a network address that incorporates the address corresponding to the particular network accessible datastore and an address of the intermediary gateway device, wherein the intermediary gateway device controls the access to the particular network accessible datastore.

45. (Previously Presented) A method for managing information using an intermediary gateway device having a corresponding Uniform Resource Locator (URL), the method comprising the steps of:

receiving, at the intermediary gateway device from a user access system, a request to communicate with a network accessible datastore having a particular URL;

modifying the particular URL of the datastore to incorporate the URL of the intermediary gateway device; and

providing access to the network accessible datastore through the intermediary gateway device using the modified URL of the network accessible datastore, wherein providing access includes transmitting information through the intermediary gateway device.

46. (Previously Presented) The method of claim 45, wherein the modifying step further includes the substep of:

modifying the particular URL of the datastore to include the URL of the intermediary gateway device.

47. (Previously Presented) A computer for managing information using an intermediary gateway device having a corresponding Uniform Resource Locator (URL), the computer comprising:

a memory having program instructions; and

a processor, responsive to the program instructions, configured to:

receive, from a user access system, a request to communicate with a network accessible datastore having a particular URL;

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modify the particular URL of the datastore to incorporate the URL of the intermediary gateway device; and

provide access to the network accessible datastore through the intermediary gateway device using the modified URL of the network accessible datastore, wherein providing access includes transmitting information through the intermediary gateway device.

48. (Previously Presented) The computer of claim 47, wherein the processor is further configured to:

modify the particular URL of the datastore to include the URL of the intermediary gateway device.

49. (Previously Presented) A computer-readable medium containing instructions for controlling a data processing system to perform a method for managing information using an intermediary gateway device having a corresponding Uniform Resource Locator (URL), the method comprising the steps of:

receiving, from a user access system, a request to communicate with a network accessible datastore having a particular URL;

modifying the particular URL of the datastore to incorporate the URL of the intermediary gateway device; and

providing access to the network accessible datastore through the intermediary gateway device using the modified URL of the network accessible datastore, wherein providing access includes transmitting information through the intermediary gateway device.

50. (Previously Presented) The method of claim 49, wherein the modifying step further includes the substep of:

modifying the particular URL of the datastore to include the URL of the intermediary gateway device.

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51. (Previously Presented) An apparatus for managing information using an intermediary gateway device having a corresponding Uniform Resource Locator (URL), the apparatus comprising:

means for receiving, from a user access system, a request to communicate with a network accessible datastore having a particular URL;

means for modifying the particular URL of the datastore to incorporate the URL of the intermediary gateway device; and

means for providing access to the network accessible datastore through the intermediary gateway device using the modified URL of the network accessible datastore, wherein providing access includes transmitting information through the intermediary gateway device.

52. (Previously Presented) The apparatus of claim 51, wherein the modifying means further includes:

means for modifying the particular URL of the datastore to include the URL of the intermediary gateway device.

53. (Previously Presented) A computer-implemented method for managing information, the method comprising the steps of:

providing an intermediary gateway device for communicating with network accessible datastores;

receiving, from a user access system, a request at the intermediary gateway device to communicate with a particular network accessible datastore having a corresponding Uniform Resource Locator (URL); and

providing access to the particular network accessible datastore through the intermediary gateway device using a URL that incorporates the URL corresponding to the particular network accessible datastore and a URL of the intermediary gateway device, wherein providing access includes transmitting information through the intermediary gateway device.

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54. (Previously Presented) A computer for managing information, the computer comprising:

a memory having program instructions; and

a processor, responsive to the program instructions, configured to:

provide an intermediary gateway device for communicating with network accessible datastores;

receive, from a user access system, a request at the intermediary gateway device to communicate with a particular network accessible datastore having a corresponding Uniform Resource Locator (URL); and

provide access to the particular network accessible datastore through the intermediary gateway device using a URL that incorporates the URL corresponding to the particular network accessible datastore and a URL of the intermediary gateway device, wherein providing access includes transmitting information through the intermediary gateway device.

55. (Previously Presented) A computer-readable medium containing instructions for controlling a data processing system to perform a method for managing information, the method comprising the steps of:

providing an intermediary gateway device for communicating with network accessible datastores;

receiving, from a user access system, a request at the intermediary gateway device to communicate with a particular network accessible datastore having a corresponding Uniform Resource Locator (URL); and

providing access to the particular network accessible datastore through the intermediary gateway device using a URL that incorporates the URL corresponding to the particular network accessible datastore and a URL of the intermediary gateway device, wherein providing access includes transmitting information through the intermediary gateway device.

56. (Previously Presented) An apparatus for managing information, the apparatus comprising:

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means for providing an intermediary gateway device for communicating with network accessible datastores;

means for receiving, from a user access system, a request at the intermediary gateway device to communicate with a particular network accessible datastore having a corresponding Uniform Resource Locator (URL); and

means for providing access to the particular network accessible datastore through the intermediary gateway device using a URL that incorporates the URL corresponding to the particular network accessible datastore and a URL of the intermediary gateway device, wherein providing access includes transmitting information through the intermediary gateway device.

57. (New) A method for managing information using an intermediary gateway device having a corresponding network address, the method comprising the steps of:

receiving a user request for content from a network accessible datastore having a particular network address;

modifying the particular network address of the datastore to incorporate the address of the intermediary gateway device; and

providing the requested content through the intermediary gateway device using the modified address of the network accessible datastore, the requested content being provided by aggregating the requested content with other content, and providing the aggregated content to the user.

58. (New) A computer for managing information using an intermediary gateway device having a corresponding network address, the computer comprising:

a memory having program instructions; and

a processor, responsive to the program instructions, configured to:

receive a user request for content from a network accessible datastore having a particular network address;

modify the particular network address of the datastore to incorporate the address of the intermediary gateway device; and

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provide the requested content through the intermediary gateway device using the modified address of the network accessible datastore, the requested content being provided by aggregating the requested content with other content, and providing the aggregated content to the user.

59. (New) A computer-readable medium containing instructions for controlling a data processing system to perform a method for managing information using an intermediary gateway device having a corresponding network address, the method comprising the steps of:
- receiving a user request for content from a network accessible datastore having a particular network address;
 - modifying the particular network address of the datastore to incorporate the address of the intermediary gateway device; and
 - providing the requested content through the intermediary gateway device using the modified address of the network accessible datastore, the requested content being provided by aggregating the requested content with other content, and providing the aggregated content to the user.

60. (New) An apparatus for managing information using an intermediary gateway device having a corresponding network address, the apparatus comprising:
- means for receiving a user request for content from a network accessible datastore having a particular network address;
 - means for modifying the particular network address of the datastore to incorporate the address of the intermediary gateway device; and
 - means for providing the requested content through the intermediary gateway device using the modified address of the network accessible datastore, the requested content being provided by aggregating the requested content with other content, and providing the aggregated content to the user.